

Summary of June 2013 Pogo Mine Incinerator Source Test Results and NSPS Subpart CCCC Table 8 Standards

Method	Pollutant	Test Results (3-Run Average)						Calculated Results ^a			Subpart CCCC Table 8 Emission Limit ^d
		lb/hr	lb/dscf	ppmvd	ug/dscm	ng/dscm	O ₂ (%)	mg/dscm	ng/dscm	ppmvd ^c	
RM5	PM	0.20	4.13E-06	-	-		10.66	90	-	-	270 mg/dscm
RM26A	HCl	0.66	1.33E-05	-	-		10.66	-	-	191	200 ppmvd
RM29	Cd	3.98E-05	8.40E-10	-	32.25		10.67	0.044	-	-	0.67 mg/dscm
	Pb	2.22E-04	4.57E-09	-	197.08		10.67	0.27	-	-	2.0 mg/dscm
	Hg	7.79E-06	1.66E-10	-	2.67		10.67	0.0036	-	-	0.0035 mg/dscm
RM23	D/F	-	-	-	-	2.285	NA ^b	-	2.285	-	1800 ng/dscm Total Mass
		-	-	-	-	0.1154	NA ^b	-	0.1154	-	31 ng/dscm TEQ ^e
RM10	CO	0.005	-	1.3	-		10.7	-	-	1.8	13 ppmvd
RM7E	NO _x	0.42	-	69.7	-		10.7	-	-	95	170 ppmvd
RM6C	SO ₂	0.19	-	22.2	-		10.7	-	-	30	1.2 ppmvd

^aTest results were converted to 7% O₂ and into units of the applicable emission limits^bD/F results are reported in terms of ng/dscm at 7% O₂ - no conversions needed^cHCl was converted from lb/dscf to ppmvd based on MW = 36.46 lb/lbmol, and standard molar volume of an ideal gas = 385.55 dscf/lbmol (i.e., std temp = 20 °C)
CO, NO_x and SO₂ were not converted (test results are provided in ppmvd)^dEmission limits are measured at 7% O₂, dry basis at standard conditions^eSubpart CCCC requires compliance with *either* the Total Mass Basis limit or the Toxic Equivalency Basis limit